

**From:** Donna Albert <donna.albert@gmail.com>  
**Sent:** Friday, October 14, 2022 12:54 AM  
**To:** DES SBCC  
**Subject:** Comment on energy code update

External Email

October 14, 2022

To Members of the State Building Code Council:

THANK YOU for your accomplishments in making our state's current building energy code one of the best.

Please implement the proposed code updates that require highest efficiency heat pumps for space and water heating, and greatly improved ventilation for kitchens that use fossil gas (also known as natural gas).

I urge you to adopt the proposed energy code updates because this will result in more new homes being all-electric.

All-electric homes are safer for the climate

- In our state, most of the greenhouse gas emissions from homes are from burning fossil gas.
- While some greenhouse emissions reductions are hard to do, home electrification is relatively easy. Most homes in our state are already all electric.
- Because of CETA, our electricity is getting cleaner. All-electric homes that use clean electricity will create no operational greenhouse gas emissions.

All-electric homes are healthier and safer for occupants

- Children in a home with a gas stove have higher rates of asthma symptoms.
- Using a gas stove without adequate ventilation can result in indoor pollutant concentrations greater than allowed by outdoor air quality standards.
- Unburned gas that escapes from appliances in small amounts contains harmful chemicals other than methane, some of which are carcinogenic.
- Gas from leaks can asphyxiate, poison, catch fire, or explode.
- Neighborhood gas distribution systems leak when damaged by construction activities, landslides or earthquakes.

Rapidly reducing fossil fuel use will not only benefit Washington residents, it will also benefit those in the developing world who are unfairly suffering from climate change, and all of our grandchildren.

Thank you very much for your work, and for considering my comments.

Sincerely,

Donna Albert, PE (retired), MCE, LEED-AP, CEM  
Montesano, WA